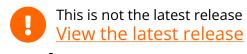


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# Labour Force, Australia

Headline estimates of employment, unemployment, underemployment, participation and hours worked from the monthly Labour Force Survey

Reference period May 2023

Released 15/06/2023

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## **Key statistics**

In trend terms, in May 2023:

- unemployment rate remained at 3.5%.
- participation rate remained at 66.8%.
- employment increased to 14,003,400.

- employment to population ratio remained at 64.4%.
- underemployment rate increased to 6.3%.
- monthly hours worked increased to 1,944 million.

In seasonally adjusted terms, in May 2023:

- unemployment rate decreased to 3.6%.
- participation rate increased to 66.9%.
- employment increased to 14,011,800.
- employment to population ratio increased to 64.5%.
- underemployment rate increased to 6.4%.
- monthly hours worked decreased to 1,944 million.
- full-time employment increased by 61,700 to 9,826,200 people.
- part-time employment increased by 14,300 to 4,185,600 people.

## Key statistics - Trend

	Apr-2023	May-2023	Monthly change	Monthly change (%)	Yearly change	Yearly change (%)
Employed people	13,963,600	14,003,400	39,800	0.3%	426,600	3.1%
Unemployed people	511,700	512,800	1,100	0.2%	-14,500	-2.8%
Unemployment rate	3.5%	3.5%	0.0 pts	na	-0.2 pts	na
Underemployment rate	6.2%	6.3%	0.0 pts	na	0.1 pts	na
Participation rate	66.8%	66.8%	0.0 pts	na	0.1 pts	na
Monthly hours worked in all jobs	1,937 million	1,944 million	7 million	0.4%	99 million	5.4%

# Key statistics - Seasonally adjusted

	Apr-2023	May-2023	Monthly change	Monthly change (%)	Yearly change	Yearly change (%)
Employed people	13,935,800	14,011,800	75,900	0.5%	465,500	3.4%
Unemployed people	532,400	515,900	-16,500	-3.1%	-35,500	-6.4%

	Apr-2023	May-2023	Monthly change	Monthly change (%)	Yearly change	Yearly change (%)
Unemployment rate	3.7%	3.6%	-0.1 pts	na	-0.4 pts	na
Underemployment rate	6.2%	6.4%	0.3 pts	na	0.5 pts	na
Participation rate	66.7%	66.9%	0.1 pts	na	0.2 pts	na
Monthly hours worked in all jobs	1,980 million	1,944 million	-36 million	-1.8%	88 million	4.8%

Estimates of changes throughout this release are calculated using un-rounded level estimates and may be different from, but are more accurate than, movements obtained from the rounded level estimates.

For definitions of labour statistics used in this publication, please refer to <u>Glossary of Labour Force</u>, <u>Australia methodology (/methodologies/labour-force-australia-methodology/may-2023#glossary)</u>.

# Survey impacts and changes

#### Articles and other information

As Labour Force hours worked data are returning to normal patterns, the ABS ceased publishing the article 'insights into hours worked' in the April 2023 publication. The data cubes EM2a and EM2b, usually published in the detailed release, will continue to be published with the release of headline estimates until the end of the winter months in 2023 (exact timing to be confirmed) to enable more detailed analysis of changes in hours worked and the reasons that people are working reduced hours.

## Quarterly rebenchmarking of labour force statistics

The ABS has revised the original Labour Force series from October 2021 to reflect the latest available preliminary and final estimates of the Estimated Resident Population. This quarterly process ensures that the Labour Force series promptly reflect any change in population trends and minimises the size of revisions that can occur when the series are rebenchmarked following each Census of Population and Housing.

In response to COVID-19 related changes in travel, the ABS has been revising preliminary Net Overseas Migration estimates more frequently. Net Overseas Migration estimates are a component of population estimates, from which Labour Force benchmarks are produced. These revisions have been incorporated into the quarterly rebenchmarking revisions. For more information, please refer to <u>'Net Overseas Migration revisions in Labour Force benchmarks during COVID-19' (https://www.abs.gov.au/statistics/labour/employment-and-unemployment/labour-force-australia/apr-2020#covid-19-impacts-and-changes)</u>.

The usual resident civilian population in March 2023 was revised up by around 0.3% (around 64,000 people).

Revisions to original series also result in revisions to seasonally adjusted series.

The current Labour Force population benchmarks are derived from estimated resident population (ERP) based on the 2021 Census (preliminary rebased ERP).

In the November 2023 publication, to be released on 14 December 2023, the Labour Force population benchmarks will be updated to reflect the latest estimated resident population (ERP) based on the 2021 Census (final rebased ERP). This is a regular 5-yearly rebasing process which follows each Census, and ensures the Labour Force estimates are benchmarked to the most recent population information. This process will result in revisions to Labour Force estimates going back to 2016. This follows a similar process to that undertaken in 2018.

Survey response and timeline

The May Labour Force Survey was run in respect of the two weeks from Sunday 30 April to Saturday 13 May, and collected over the period from Sunday 7 May to Saturday 27 May.

The ABS would like to thank Australians for their continued support in responding to our surveys, given how critically important this information is.

#### Reference and Enumeration Dates

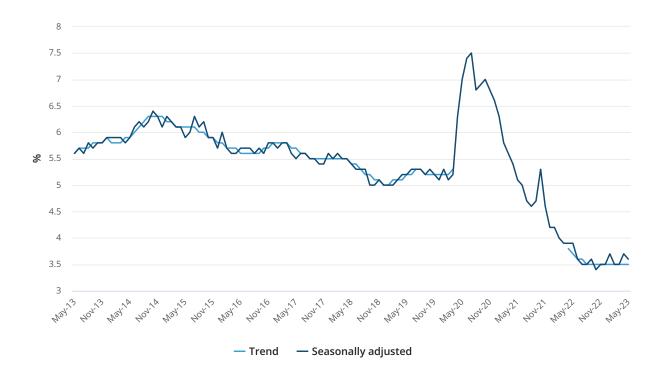
Publication	Start of Reference Week	End of Reference Week	Start of Enumeration	End of Enumeration
Apr-23	2nd April 2023	15th April 2023	9th April 2023	29th April 2023
May-23	30th April 2023	13th May 2023	7th May 2023	27th May 2023
Jun-23	4th June 2023	17th June 2023	11th June 2023	1st July 2023
Jul-23	2nd July 2023	15th July 2023	9th July 2023	29th July 2023
Aug-23	30th July 2023	12th August 2023	6th August 2023	26th August 2023
Sep-23	3rd September 2023	16th September 2023	10th September 2023	30th September 2023

# Unemployment

In trend terms, in May 2023:

- unemployment rate remained at 3.5%.
- unemployed people decreased by 1,100 to 512,800.
- youth unemployment rate remained at 7.8%.

## Unemployment rate



Large month-to-month changes occurred during the COVID-19 pandemic, resulting in multiple trend breaks. The ABS recommends caution when using trend estimates published in spreadsheets in this release for this period. Information on trend breaks can be found in <u>Labour Force</u>, <u>Australia methodology</u>, <u>May 2023 (/ methodologies/labour-force-australia-methodology/may-2023)</u>.

# **Employment**

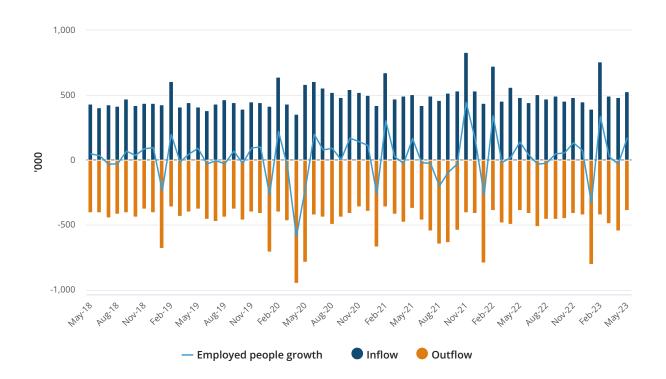
In trend terms, in May 2023, employment increased by 39,800 people (0.3%) to 14,003,400 people.

## Flows into and out of employment

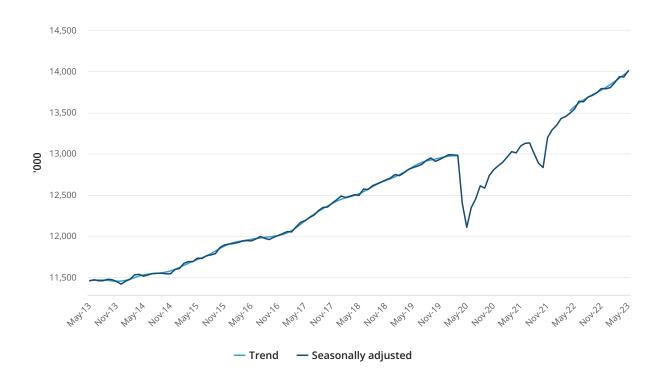
Flows into and out of employment are extensive and are based on the net matched sample of original employment growth between two consecutive months (around 80% of the sample). The (net) sum of the inflows and outflows does not necessarily equal the 'net' employment growth.

For May 2023, the net change in the number of employed people is the result of around 528,000 people entering employment (i.e. they were not employed in April but were employed in May), while around 385,000 people left employment (i.e. they were employed in April but not employed in May). This contrasts with April 2023, where around 482,000 people entered employment and around 544,000 people left employment.

# Monthly inflows, outflows and employment growth, Original



## **Employed people**



Large month-to-month changes occurred during the COVID-19 pandemic, resulting in multiple trend breaks. The ABS recommends caution when using trend estimates published in spreadsheets in this release for this period. Information on trend breaks can be found in <u>Labour Force</u>, <u>Australia methodology</u>, <u>May 2023 (/ methodologies/labour-force-australia-methodology/may-2023)</u>.

## Full-time and part-time employment

In trend terms, in May 2023:

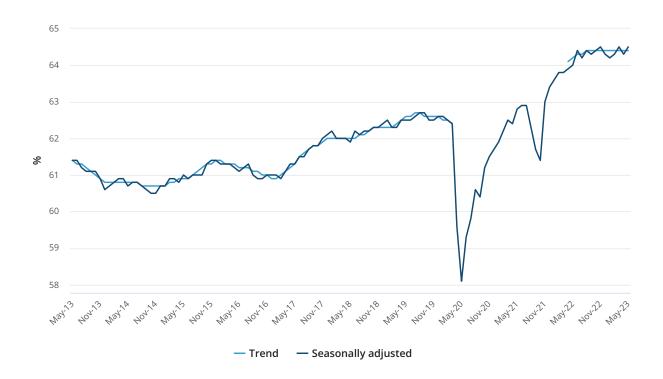
- full-time employment increased by 33,100 to 9,818,100 people, and part-time employment increased by 6,700 to 4,185,300 people.
- part-time share of employment was 29.9%.

## **Employment-to-population ratio**

In trend terms, in May 2023, the employment-to-population ratio remained at 64.4%.

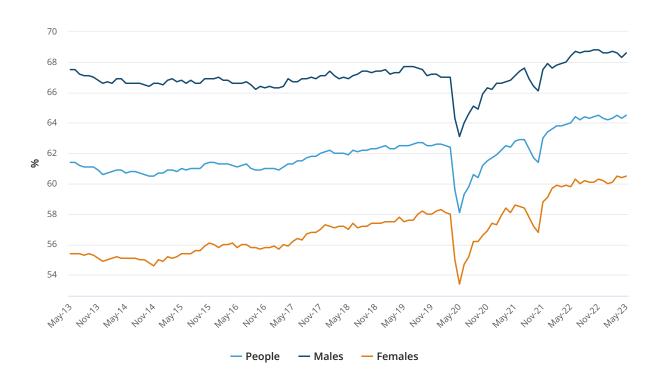
The employment-to-population ratio provides a measure of employment relative to the size of the population.

# Employment-to-population ratio



Large month-to-month changes occurred during the COVID-19 pandemic, resulting in multiple trend breaks. The ABS recommends caution when using trend estimates published in spreadsheets in this release for this period. Information on trend breaks can be found in <u>Labour Force, Australia methodology, May 2023 (/ methodologies/labour-force-australia-methodology/may-2023)</u>.

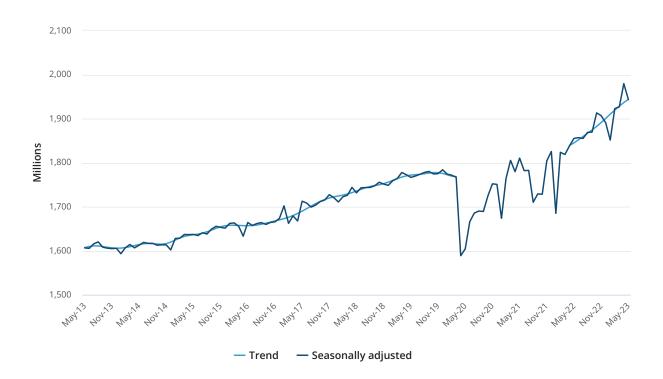
# Employment-to-population ratio, Seasonally adjusted



## Hours worked

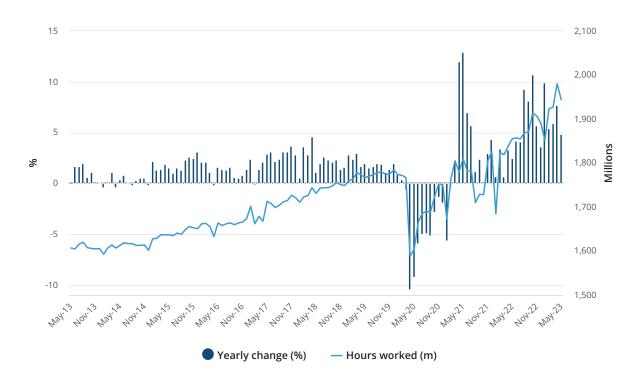
In trend terms, in May 2023, monthly hours worked in all jobs increased by 7.2 million hours (0.4%) to 1,944 million hours.

# Monthly hours worked in all jobs



Large month-to-month changes occurred during the COVID-19 pandemic, resulting in multiple trend breaks. The ABS recommends caution when using trend estimates published in spreadsheets in this release for this period. Information on trend breaks can be found in <u>Labour Force, Australia methodology, May 2023 (/ methodologies/labour-force-australia-methodology/may-2023)</u>.

# Monthly hours worked in all jobs, Seasonally adjusted



# **Participation**

In trend terms, in May 2023, the participation rate:

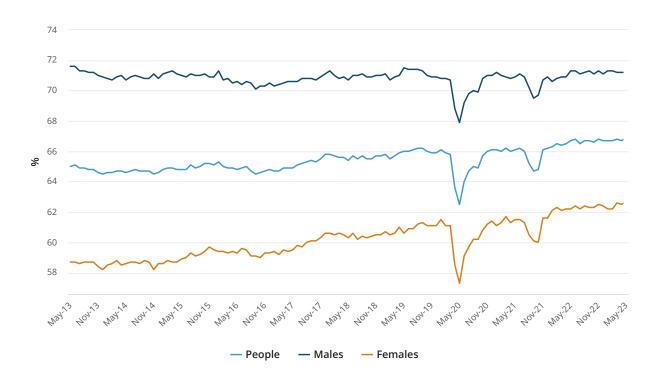
- remained at 66.8%.
- remained at 71.2% for men and increased to 62.6% for women.

# Participation rate



Large month-to-month changes occurred during the COVID-19 pandemic, resulting in multiple trend breaks. The ABS recommends caution when using trend estimates published in spreadsheets in this release for this period. Information on trend breaks can be found in <u>Labour Force, Australia methodology, May 2023 (/ methodologies/labour-force-australia-methodology/may-2023)</u>.

# Participation rate, Seasonally adjusted

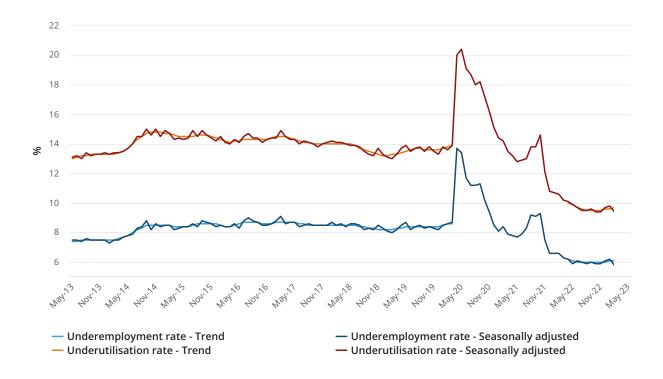


# Underemployment

In trend terms, in May 2023:

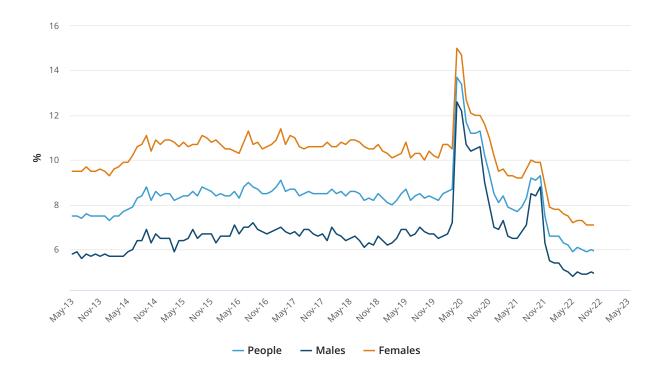
- underemployment rate increased to 6.3%.
- underutilisation rate remained at 9.8%.

## Underemployment rate and underutilisation rate



Large month-to-month changes occurred during the COVID-19 pandemic, resulting in multiple trend breaks. The ABS recommends caution when using trend estimates published in spreadsheets in this release for this period. A list of trend breaks can be found in <a href="Labour Force">Labour Force</a>, <a href="Australia methodology">Australia methodology</a>, <a href="May 2023">May 2023 (/ methodologies/labour-force-australia-methodology/may-2023)</a>.

# Underemployment rate, Seasonally adjusted



# **States and Territories**

May 2023 - Trend

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	No Tei
Employed people	4,346,800	3,620,500	2,837,700	954,400	1,541,200	291,200	
Employed people - monthly change	0.2%	0.4%	0.4%	0.4%	0.1%	0.2%	
Employment to population ratio	63.9%	64.9%	63.9%	62.0%	66.5%	60.4%	
Employment to population ratio - monthly change	0.0 pts	0.1 pts	0.1 pts	0.1 pts	-0.1 pts	0.0 pts	

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Noi Tei
Unemployment rate	3.1%	3.7%	3.9%	3.9%	3.6%	4.0%	
Unemployment rate - monthly change	0.0 pts	0.0 pts	0.0 pts	0.0 pts	0.0 pts	0.0 pts	
Underemployment rate	6.1%	5.9%	6.6%	7.2%	6.0%	7.4%	
Underemployment rate - monthly change	0.1 pts	-0.1 pts	0.0 pts	0.0 pts	0.1 pts	-0.1 pts	
Participation rate	66.0%	67.4%	66.5%	64.6%	69.0%	62.9%	
Participation rate - monthly change	0.0 pts	0.1 pts	0.1 pts	0.1 pts	-0.1 pts	0.0 pts	

# May 2023 - Seasonally adjusted

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Noi Tei
Employed people	4,356,800	3,627,800	2,851,200	956,500	1,539,300	290,900	
Employed people - monthly change	0.7%	0.7%	1.0%	1.3%	-0.2%	-0.1%	
Employment to population ratio	64.1%	65.1%	64.2%	62.2%	66.4%	60.4%	
Employment to population ratio - monthly change	0.3 pts	0.3 pts	0.4 pts	0.7 pts	-0.3 pts	-0.1 pts	
Unemployment rate	3.0%	3.7%	3.9%	4.0%	3.7%	4.2%	
Unemployment rate - monthly change	-0.4 pts	-0.2 pts	0.1 pts	-0.3 pts	0.1 pts	0.3 pts	
Underemployment rate	6.2%	5.8%	6.8%	7.1%	6.4%	6.9%	
Underemployment rate - monthly change	0.5 pts	-0.1 pts	0.5 pts	-0.5 pts	0.7 pts	-0.6 pts	
Participation rate	66.1%	67.6%	66.8%	64.8%	68.9%	63.1%	

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Noi Tei
Participation rate - monthly change	0.0 pts	0.2 pts	0.5 pts	0.5 pts	-0.2 pts	0.1 pts	

## Historical charts

# Historical charts for employed, unemployed, unemployment rate and participation rate from August 1966 to May 2023

Historical Labour Force estimates of employment, unemployment rate, and participation rate from the historical quarterly and monthly Labour Force Survey.

Prior to 1978 the historical Labour Force Survey was collected quarterly; the current Labour Force Survey is collected monthly. Please refer to the <u>history of changes (/methodologies/labour-force-australia-methodology/may-2023#history-of-changes)</u> to see the differences between the historical and current Labour Force Survey.

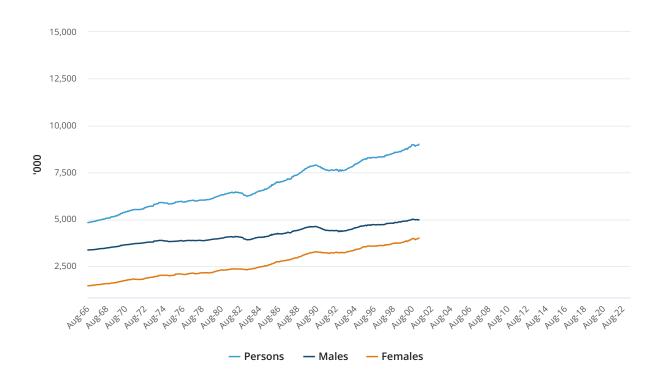
# Unemployment rate, Australia, August 1966 to May 2023, Seasonally adjusted



February 1978 to May 2023 estimated monthly, before February 1978 estimated quarterly

Source: 6204.0.55.001 Labour Force Historical Timeseries, Australia, 1966-1984, Seasonally adjusted estimates of the labour force by sex and marital status - 1966-1977 (https://www.abs.gov.au/AUSSTATS/abs%40.nsf/DetailsPage/6204.0.55.0011966%20to%201984?OpenDocument) and 6202.0 Labour Force, Australia, Table 1 (/statistics/labour/employment-and-unemployment/labour-force-australia/latest-release#data-downloads)

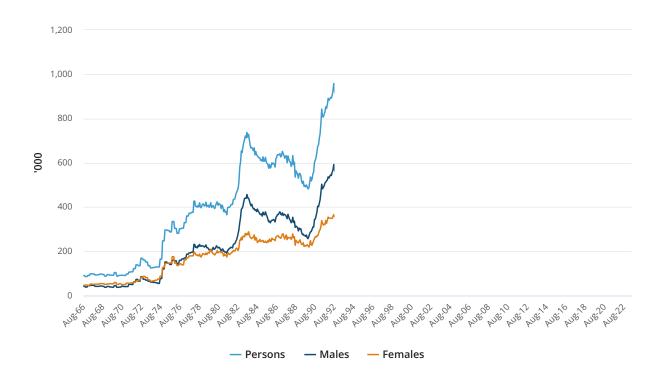
## Employed people, Australia, August 1966 to May 2023, Seasonally adjusted



February 1978 to May 2023 estimated monthly, before February 1978 estimated quarterly

Source: 6204.0.55.001 Labour Force Historical Timeseries, Australia, 1966-1984, Seasonally adjusted estimates of the labour force by sex and marital status - 1966-1977 (https://www.abs.gov.au/AUSSTATS/abs%40.nsf/DetailsPage/6204.0.55.0011966%20to%201984?OpenDocument) and 6202.0 Labour Force, Australia, Table 1 (/statistics/labour/employment-and-unemployment/labour-force-australia/latest-release#data-downloads)

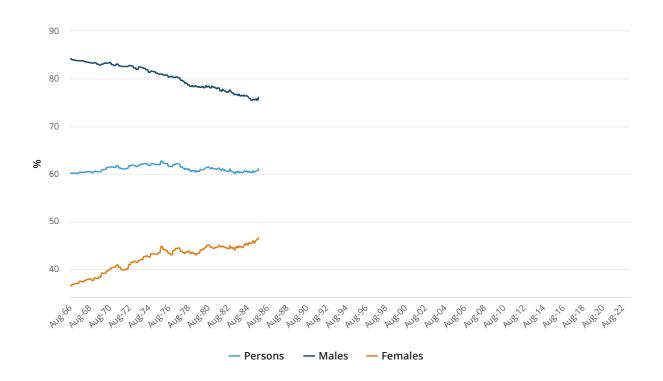
# Unemployed people, Australia, August 1966 to May 2023, Seasonally adjusted



February 1978 to May 2023 estimated monthly, before February 1978 estimated quarterly

Source: 6204.0.55.001 Labour Force Historical Timeseries, Australia, 1966-1984, Seasonally adjusted estimates of the labour force by sex and marital status - 1966-1977 (https://www.abs.gov.au/AUSSTATS/abs%40.nsf/DetailsPage/6204.0.55.0011966%20to%201984?OpenDocument) and 6202.0 Labour Force, Australia, Table 1 (/statistics/labour/employment-and-unemployment/labour-force-australia/latest-release#data-downloads)

### Participation rate, Australia, August 1966 to May 2023, Seasonally adjusted



February 1978 to May 2023 estimated monthly, before February 1978 estimated quarterly

Source: 6204.0.55.001 Labour Force Historical Timeseries, Australia, 1966-1984, Seasonally adjusted estimates of the labour force by sex and marital status - 1966-1977 (https://www.abs.gov.au/AUSSTATS/abs%40.nsf/DetailsPage/6204.0.55.0011966%20to%201984?OpenDocument) and 6202.0 Labour Force, Australia, Table 1 (/statistics/labour/employment-and-unemployment/labour-force-australia/latest-release#data-downloads)

# Rotation group analysis

# Sample composition and rotation

The Labour Force Survey sample can be thought of as comprising eight sub-samples (rotation groups), with each sub-sample remaining in the survey for eight months, and one group "rotating out" each month and being replaced by a new group "rotating in". As seven-eighths of the sample are common from one month to the next, changes in the estimates

reflect real changes in the labour market, rather than changes in the sample. The replacement sample is generally selected from the same geographic areas as the outgoing one, as part of a representative sampling approach.

The sample comprises three components:

- the matched common sample (people who responded in both the current month and previous month)
- the unmatched common sample (people who responded in the current month but who did not respond in the previous month, or vice versa)
- the incoming rotation group (replacing people who rotated out)

The matched common sample describes the change observed for the same respondents in the current and previous month, while the other two components reflect differences between the aggregate labour force status of different groups of people.

While the rotation groups are designed to be representative of the population, the outgoing and incoming rotation groups will almost always have somewhat different characteristics, as they reflect different households and people. The design of the survey, including the weighting and estimation processes, ensures that these differences are generally relatively minor and do not affect the representativeness of the survey and its estimates. Monthly estimates are designed to be representative, regardless of the relative contribution of the three components of the sample.

The contributions of the three sample components to the original estimates of employed, unemployed and not in the labour force are in the Contribution from sample components to estimates spreadsheet.

Estimates for the incoming and outgoing rotation groups

## Incoming and outgoing rotation groups

	April outgoing rotation group	May incoming rotation group	May outgoing rotation group	May estimate (Original)
Employment to population ratio	63.4%	65.1%	66.4%	64.9%
Full-time employment to population ratio	44.2%	45.3%	46.5%	45.3%
Unemployment rate	3.4%	4.2%	3.0%	3.5%
Participation rate	65.7%	68.0%	68.5%	67.3%

### States and Territories

In addition to analysis across the entire sample, the ABS also undertakes similar analysis for the responding sample in each state and territory each month, and highlights where there is a notable change for users to be aware of. For example, in April 2023, the incoming rotation group in South Australia had a higher unemployment rate and participation rate than the group it replaced. As with any notable month-to-month movement of this nature in state and territory estimates, the ABS recommends exercising a degree of caution in interpreting short-term changes.

As for its reporting for the entire sample, where the ABS has not highlighted a notable incoming rotation group effect, any larger changes should therefore be considered to reflect a broader change across the sample.

## Comparability with seasonally adjusted and trend data

The gross flows and rotation group data are in original terms only, and are included to provide additional information on the month-to-month movements. They have a considerable level of inherent sampling variability, which is specifically adjusted for in the trend and seasonally adjusted series. The trend data provides the best measure of the underlying behaviour of the labour market and is the focus of the commentary in this publication.

## Contribution from sample components to estimates

## Data downloads

Labour Force Survey results are released in three stages.

- 1. Spreadsheets of the headline indicators are published in this release
- 2. Additional, more detailed spreadsheets and pivot tables are published in <u>Labour Force</u>, <u>Australia</u>, <u>Detailed</u> (/statistics/labour/employment-and-unemployment/ <u>labour-force-australia-detailed/latest-release</u>) one week after this first release
- 3. Longitudinal labour force microdata are released in the ABS DataLab on a monthly basis, one day after the detailed release (see <a href="Microdata: Longitudinal Labour Force">Microdata: Longitudinal Labour Force</a>, <a href="Australia">Australia</a> (/statistics/microdata-tablebuilder/available-microdata-tablebuilder/longitudinal-labour-force-australia</a>)

See the <u>Survey output (/methodologies/labour-force-australia-methodology/may-2023#survey-output)</u> section of Labour Force, Australia methodology for more information.

#### **Labour Force status**

Table 1. Labour force status by Sex, Australia - Trend, Seasonally adjusted and Original

**<u> → Download XLSX</u>** 

[709.04 KB]

Table 4. Labour force status by Sex, New South Wales - Trend, Seasonally adjusted and Original

**<u>▶</u>** Download XLSX

[524.78 KB]

Table 5. Labour force status by Sex, Victoria - Trend, Seasonally adjusted and Original

**<u> ▶ Download XLSX</u>** 

[524.49 KB]

Table 6. Labour force status by Sex, Queensland - Trend, Seasonally adjusted and Original

**<u> → Download XLSX</u>** 

[526.89 KB]

Table 7. Labour force status by Sex, South Australia - Trend, Seasonally adjusted and Original

**▶ Download** XLSX

[520.73 KB]

Table 8. Labour force status by Sex, Western Australia - Trend, Seasonally adjusted and Original

**▶ Download** XLSX

[524.4 KB]

Table 9. Labour force status by Sex, Tasmania - Trend, Seasonally adjusted and Original

**↓ Download** XLSX

[523.07 KB]

Table 10. Labour force status by Sex, Northern Territory - Trend and Original

**▶ Download** XLSX

[474.62 KB]

Table 10a. Labour force status by Sex, Northern Territory - Seasonally adjusted

**<u> → Download XLSX</u>** 

[163.27 KB]

Table 11. Labour force status by Sex, Australian Capital Territory - Trend and Original

**▶ Download** XLSX

[429.41 KB]

Table 11a. Labour force status by Sex, Australian Capital Territory - Seasonally adjusted

**▶ Download** XLSX

[163.48 KB]

Table 12. Labour force status by Sex, State and Territory - Trend, Seasonally adjusted and Original

**<u>↓</u>** Download XLSX

[4.33 MB]

Table 12a. Labour force status by Sex, Territory - Seasonally adjusted

**<u> → Download XLSX</u>** 

[279.55 KB]

Table 13. Labour force status for 15-24 year olds by Sex - Trend, Seasonally adjusted and Original

**▶ Download** XLSX

[694.68 KB]

Table 15. Labour force status for 15-24 year olds by Educational attendance (full-time) and Sex

**▶ Download** XLSX

[780.83 KB]

Table 16. Labour force status for 15-24 year olds by State, Territory and

#### Educational attendance (full-time)

**<u> → Download XLSX</u>** 

[2.39 MB]

Table 17. Labour force status for 15-19 year olds by Sex - Trend, Seasonally adjusted and Original

**<u> → Download XLSX</u>** 

[588.49 KB]

Table 18. Labour force status for 15-64 year olds by Sex - Trend, Seasonally adjusted and Original

**▶ Download** XLSX

[704.98 KB]

#### Hours worked

Table 19. Monthly hours worked in all jobs by Employed full-time, part-time and Sex and by State and Territory - Trend and Seasonally adjusted

**<u> → Download XLSX</u>** 

[257.84 KB]

Table 19a. Monthly hours worked in all jobs by Employed full-time, part-time and Sex and Territory - Seasonally adjusted

**<u> ▶ Download XLSX</u>** 

[60.76 KB]

Table 21. Quarterly hours worked in all jobs by Market and Non-market sector - Seasonally adjusted

**<u>↓ Download XLSX</u>** 

[57.5 KB]

EM2a - Employed persons who worked fewer hours than usual by hours actually worked in all jobs and sex, January 1991 onwards (pivot table)

**↓ Download** XLSX

[21.82 MB]

EM2b - Employed persons who worked fewer hours than usual by hours actually worked in all jobs, state and territory, January 1991 onwards (pivot table)

**<u> → Download XLSX</u>** 

[10.15 MB]

## Underemployment and underutilisation

Table 22. Underutilised persons by Age and Sex - Trend, Seasonally adjusted and Original

#### **▶ Download** XLSX

[4.83 MB]

# Table 23. Underutilised persons by State and Territory and Sex - Trend, Seasonally adjusted and Original

#### **▶ Download** XLSX

[5.9 MB]

### Table 23a. Underutilised persons by Territory and Sex - Seasonally adjusted

#### **<u> ▶ Download XLSX</u>**

[403.43 KB]

#### Table 24. Underutilised persons by Age and Sex (expanded analytical series)

#### **▶ Download** XLSX

[462.12 KB]

# Table 25. Underutilised persons by State, Territory and Sex (expanded analytical series)

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[381.68 KB]

## Flows into and out of employment

GM1 - Labour force status and Gross changes (flows) by Age, Sex, State and Territory, February 1991 onwards

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[96.67 MB]

### All time series spreadsheets

#### All time series spreadsheets

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[26.37 MB]

## **Data Explorer datasets**

Caution: Data in the Data Explorer is currently released after the 11:30am release on the ABS website. Please check the time period when using Data Explorer.

For information on Data Explorer and how it works, see the <u>Data Explorer user guide (/ about/data-services/data-explorer/data-explorer-user-guide)</u>.

Labour Force status by Sex, State and Territory (https://explore.data.abs.gov.au/vis? tm=labour%20force&pg=0&df[ds]=ABS\_ABS\_TOPICS&df[id]=LF&df[ag]=ABS&df[vs]=1.0.0&hc [Measure]=Labour%20Force&hc[ABS%20Topics]=LABOUR&pd=2021-01%2C&dq=M9.3.1599. 30%2B10%2B20.AUS.M&ly[cl]=TIME\_PERIOD&ly[rw]=TSEST)\_ - Number of people employed, unemployed and not in the labour force, monthly, February 1978 and onwards.

Labour Force monthly hours worked by Sex, State and Territory (https://explore.data.abs.gov.au/vis?

 $\label{eq:complex} $fs[0]$=$Labour%2C0\%7CEmployment%20and%20unemployment%23EMPLOYMENT_UNEMPLOYMENT_UNEMPLOYMENT%23&pg=0&fc=Labour&df[ds]$=$LABOUR_TOPICS&df[id]$=$LF_HOURS&df[ag]$=$ABS&df[vs]$=1.0.0&pd=1978-07%2C&dq=.3.1599...$ 

1%2B2%2B3%2B4%2B5%2B6%2B7%2B8%2BAUS.M&ly[cl]=TIME\_PERIOD&ly[rw]=MEASURE)

- Monthly hours worked by employed people, monthly, July 1978 and onwards.

### **Article archive**

## Understanding the labour force

Historical charts from August 1966 to February 2023 (/articles/historical-charts-august-1966-february-2023) (February 2023)

<u>Historical charts from August 1966 to January 2023 (/articles/historical-charts-august-1966-january-2023)</u> (January 2023)

<u>Historical charts from August 1966 to December 2022 (/articles/historical-charts-august-1966-december-2022)</u> (December 2022)

Historical charts from August 1966 to November 2022 (/articles/historical-charts-august-1966-november-2022) (November 2022)

Historical charts from August 1966 to October 2022 (/articles/historical-charts-august-1966-october-2022) (October 2022)

<u>Historical charts from August 1966 to September 2022 (/articles/historical-charts-august-1966-september-2022) (</u>September 2022)

<u>Historical charts from August 1966 to August 2022 (/articles/historical-charts-august-1966-august-2022) (</u>August 2022)

Historical charts from August 1966 to July 2022 (/articles/historical-charts-august-1966-july-2022) (July 2022)

Historical charts from August 1966 to June 2022 (/articles/historical-charts-august-1966-june-2022) (June 2022)

<u>Historical charts from August 1966 to May 2022 (/articles/historical-charts-august-1966-may-2022)</u> (May 2022)

Historical charts from August 1966 to April 2022 (/articles/historical-charts-august-1966-april-2022) (April 2022)

Historical charts from 1966 (/articles/historical-charts-1966) (March 2022)

<u>Understanding full-time and part-time work (/articles/understanding-full-time-and-part-time-work) (January 2021)</u>

<u>Understanding differences between Labour Force employment statistics and Weekly Payroll</u>
<u>Jobs (/articles/understanding-differences-between-labour-force-employment-statistics-and-weekly-payroll-jobs) (April 2020)</u>

<u>Classifying people during the COVID-19 period (/articles/classifying-people-labour-force-survey-during-covid-19-period) (March 2020)</u>

<u>Labour Force Explained (https://www.abs.gov.au/websitedbs/D3310114.nsf/home/labour+force+explained)</u> (September 2017)

<u>Understanding the Australian labour force using ABS statistics (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features999Dec%202013)</u> (December 2013)

<u>Understanding full-time / part-time status in the Labour Force Survey (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4Sep%202013)</u>
(September 2013)

Employment level estimates versus employment to population ratio explained (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2Jan%202012) (January 2012)

## **Employment and jobs**

<u>Charts on casual employment, occupation, industry and job mobility (/articles/charts-casual-employment-occupation-industry-and-job-mobility-february-2023)</u> (February 2023)

<u>Charts on casual employment, occupation, industry and job mobility (/articles/charts-casual-employment-occupation-industry-and-job-mobility-november-2022) (November 2022)</u>

Charts on casual employment, occupation, industry and job mobility (/articles/charts-casual-

employment-occupation-industry-and-job-mobility-august-2022) (August 2022)

<u>Charts on casual employment, occupation and industry (/articles/charts-casual-employment-occupation-and-industry-may-2022) (May 2022)</u>

Insights into job mobility from quarterly Labour Force Statistics (/articles/insights-job-mobility-quarterly-labour-force-statistics-february-2022) (February 2022)

<u>Charts on casual employment, occupation and industry (/articles/charts-casual-employment-occupation-and-industry-february-2022)</u> (February 2022)

Insights into job mobility from quarterly Labour Force statistics (/articles/insights-job-mobility-quarterly-labour-force-statistics) (December 2021)

<u>Charts on casual employment, occupation and industry (/articles/charts-casual-employment-occupation-and-industry-november-2021) (November 2021)</u>

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<u>Duration of employment (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6291.0.55.003Main%20Features7Nov%202015)</u> (November 2015)

Sector of main job (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6291.0.55.003Main%20Features10Nov%202015) (November 2015)

<u>Estimating jobs in the Australian labour market (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features1100Feb%202013)</u> (February 2013)

Employment in mining in Queensland, New South Wales and Western Australia (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2May%202012) (May 2012)

# Unemployment and underemployment

<u>Insights into job attachment, January 2023 (/articles/insights-job-attachment-january-2023)</u> (January 2023)

<u>Insights into job attachment during the pandemic (/articles/insights-job-attachment-during-pandemic-february-2022)</u> (February 2022)

<u>Insights into job attachment during the pandemic (/articles/insights-job-attachment-during-pandemic-january-2022)</u> (January 2022)

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<u>Underemployment: Reduced hours or prefers more hours (/articles/underemployment-reduced-hours-or-prefers-more-hours) (December 2020)</u>

Employment and unemployment: An International Perspective (/articles/employment-and-unemployment-international-perspective) (August 2020)

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Flows into and out of employment and unemployment (/articles/flows-and-outemployment-and-unemployment) (June 2020)

<u>Employment and unemployment: An International Perspective (/articles/employment-and-unemployment-international-perspective-june-2020) (June 2020)</u>

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<u>Underemployment in Australia (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0main+features10September%202018)</u> (September 2018)

<u>Spotlight on underemployment (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0Main%20Features5Nov%202016)</u> (November 2016)

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<u>Did you know - Underemployment (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4Jun%202013)</u> (June 2013)

Exploring labour force data on joblessness (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2Feb%202012) (February 2012)

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Insights into hours worked (/articles/insights-hours-worked-april-2023) (April 2023)

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Reasons for working fewer hours (/articles/reasons-working-fewer-hours-march-2020) (March 2020)

<u>Insights into hours worked (/articles/insights-hours-worked)</u> (March 2020)

Insights into detailed Labour Force Survey hours worked data (/statistics/labour/ employment-and-unemployment/labour-force-australia-detailed/feb-2020#spotlightinsights-into-detailed-labour-force-hours-worked-data) (February 2020)

Revisions to monthly hours worked in all jobs (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features5Jul%202016) (July 2016)

## Regional estimates

<u>Impacts on the Australian labour market: A regional perspective (/articles/impacts-australian-labour-market-regional-perspective-april-2020) (April 2020)</u>

Advice on reporting regional labour force data (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6291.0.55.001Main%20Features4Dec%202017) (December 2017)

<u>Analysis of changes to Labour Force regional estimates (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6291.0.55.003Main%20Features2Feb%202014)</u> (February 2014)

# LFS content and output

ABS Labour Statistics: A broad range of information (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0main+features7Jul%202019) (July 2019)

500th issue of 6202.0 (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/ 6202.0Main%20Features6Jan%202018) (January 2018)

<u>Labour Force Survey pivot tables (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6291.0.55.001Main%20Features2Aug%202017)</u> (August 2017)

Expanded education data from the Labour Force Survey (https://www.abs.gov.au/ AUSSTATS/abs@.nsf/Lookup/6291.0.55.003Main%20Features3Aug%202016) (August 2016)

Change to Status in Employment output (https://www.abs.gov.au/AUSSTATS/abs@.nsf/ Previousproducts/6202.0Main%20Features5Jul%202015) (July 2015)

Forthcoming improvements to the content of the Labour Force and Labour Supplementary. Surveys (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features3Jan%202013) (January 2013)

<u>Upcoming changes to the Labour Force Survey (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2Jul%202012)</u> (July 2012)

<u>Labour Household Surveys content review (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features3Jun%202012)</u> (June 2012)

# Methodology

<u>Major Rebenchmarking of Labour Force Estimates (/articles/major-rebenchmarking-labour-force-estimates)</u> (November 2022)

Improvement to the trending method for Labour Force rates and ratios (https://www.abs.gov.au/Ausstats/abs@.nsf/Lookup/6202.0Main%20Features5Oct%202019) (October 2019)

Assessing volatility in Labour Force statistics (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0main+features6Jul%202019) (July 2019)

On-line collection in the Labour Force Survey (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0main+features10Apr%202019) (April 2019)

<u>Annual seasonal re-analysis (https://www.abs.gov.au/Ausstats/abs@.nsf/Lookup/6202.0Main%20Features5Mar%202019)</u> (March 2019)

Improvements to trend estimation (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0Main%20Features7Mar%202018) (March 2018)

<u>Major re-benchmarking of Labour Force series (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0.55.003Main%20Features2October%202017)</u> (October 2017)

<u>Changes to filter lengths used in labour statistics (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0Main%20Features6Feb%202017)</u> (February 2017)

<u>Update on recommendation 7 from the independent technical review (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6202.0Main%20Features4Nov%202015)</u> (November 2015)

Progress with recommendations from the independent technical review (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6202.0Main%20Features4Jul%202015) (July 2015)

<u>Update on recommendations 10 and 11 from the independent technical review (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6202.0Main%20Features4Jun%202015)</u> (June 2015)

<u>Update on recommendation 7 from the independent technical review (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4May%202015)</u> (May 2015)

<u>Update on recommendations from the independent technical review (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features5Mar%202015)</u> (March 2015)

Rebenchmarking Labour Force estimates (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4Feb%202015) (February 2015)

Independent technical review into the Labour Force Survey (https://www.abs.gov.au/ AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4Nov%202014) (November 2014)

Removing the effect of supplementary surveys from seasonally adjusted estimates (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4Oct%202014) (October 2014)

Rebenchmarking Labour Force estimates to the 2011 Census (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features3Jan%202014) (January 2014)

New Labour Force sample design (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features5May%202013) (May 2013)

Transition to online collection of the Labour Force survey (https://www.abs.gov.au/ AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4Apr%202013) (April 2013)

Rebenchmarking of Labour Force series (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2Nov%202012) (November 2012)

<u>Population benchmarks and Labour Force Survey (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2Apr%202012)</u> (April 2012)

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Impact of the floods on the Labour Force Survey (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2Jan%202011) (January 2011)

## Previous catalogue number

This release previously used catalogue number 6202.0.

# Methodology

<u>Labour Force, Australia methodology, May 2023</u>